THE NEW

FLORIDA SKIP

VOL. 30 NO. 12 THE ALL-FLORIDA AMATEUR RADIO PUBLICATION AUGUST 1987 75 CENTS

NOW WAIT A MINUTE ! ! This is carrying the age limit a lil too far for amateur radio. According to Rollo Medlen W4ANN in Gainesville, his grandson Matthew, five months old, does NOT have a novice ticket yet, BUT he does like to "wiggle" that 1923 year old bug and watch the pretty red lights
(Photo by W4ANN)

RUSSIANS LAUNCH NEW AMATEUR SATELLITE

By Walt Dixon, W4DWN, AMSAT No. 1184

June 29th marked the date a new Russian satellite was launched into POLAR orbit. Its Beacons are signing its Call RS10/RS11. Beacon frequencies in use are: 10 mtrs. — 29.357, 29.403, 29.407, and 29.453 MHz. Beacons on 2 mtrs. — 145.857, 145.903, 145.907, and 145.953 MHz. These Beacons are sending CW telemetry and the Call Sign is sent at the end of each set.

The Time or period of orbit the Earth is 104.5 minutes. Being the Earth is rotating, the satellite appears to move 26.5° West each time it makes a complete orbit.

The new satellite uses 3 bands combined in various ways to yield up to 5 different modes of operation. The modes are: Mode K — 15 mtrs. up and 10 mtrs. down; Mode T — 15 mtrs. up and 2 mtrs. down; Mode A — 2 mtrs. up and 10 mtrs. down; Mode KT — 15 mtrs. up and BOTH 10 and 2 mtrs. down; Mode KA — BOTH 15 and 2 mtrs. up and 10 mtrs. down.

Frequencies used for accessing are: 15 mtrs. 21.160-21.20 and 21.210-21.250 MHz; 10 mtrs. 29.360-29.40 MHz and 29.410-29.450 MHz; 2 mtrs. 145.860-145.90 and 145.910 - 145.950 MHz. This is CW and SSB only. As power output from the satellite is 1 watt or so your downlink signal should be only strong enough for a good Q5 copy. Run minimum power!

For Orbital data send a SASE business sized to Amsat, P.O. Box 26, Washington, D.C. 20044. Request RS10/11 data. If you are interested in joining Amsat, drop me a line and I will send you an application. We need all the support we can get. I'm Ok in any CallBook.

COMING EVENTS

Jacksonville Hamfest, Aug. 1 & 2nd
Melbourne Hamfest Aug. 29 & 30.(A change)
West Palm Bch Hamfest, Nov. 21 & 22nd.
So. FL ARRL Conv. St. Pete. Nov 21-22nd.
Inverness SHARC Hamfest, Jan. 30, 1988
Sarasota Hamfest, Feb. 20 & 21, 1988
Miami HAMBOREE, Feb. 6 & 7, 1988
Miss anyone? Like in Nov. PLEASE send in dates early to prevent conflight. TU AC
Late arrival: Okeechobee ARC Hamfest, Dec. 5, 1987..

DIGITAL NOVICES?

By Louis Cruz, N4LDG

Hey Novices! I'm sure you've all heard of Packet Radio! You know . . . "Digital Communications." Well now that the FCC has approved the Novice enhancement, and you all have priviledges all over the place, why not try out digital communications? The South Dade Digital Amateur Packet Group would like to take a survey of how many novices are interested and/or those who are on packet radio already. You'll find packet radio mainly on frequencies not allowed to the novice, such as VHF packet: 145.010-145.090 Mhz. It's a No-No to operate there if you're a novice. But! Did you know that you have the privilege to operate packet on the new 220 novice frequencies? Yes Sirrreee!

Packet has become one of the most sophisticated means of accurate and error free communications there is available for the amateur radio operator. In the VHF and HF portion of the band we have established advanced networks to get data from one city in the state to another, and even from the East Coast to the West Coast of the U.S. in a matter of hours; error free and un-edited, as it was originated by the sender! Now is that communications or what!?

Here in the state of Florida I can send a bulletin, (for example: about 5 pages long) to go out to every bulletin board in the state of Florida and have it ready to read in Panama City within one hour or so without a word or letter missing in the text. More on digipeaters, gateways, and bulletin boards in next month's issue.

Novices too can start up a sophisticated network on 220 Mhz. It would be great to see it happen. Links between 220, 2 mtrs. and HF packet could be established. You could be on 220, linked to 2 meters or HF packet, and make that DX connection. For now the suggested simplex frequency for packet operation on 1.25 meters (220) is:

223.400 — Suggested national calling freq. for packet radio.

Of course that figure will eventually change in the near future, but that's up to you to make the change. Simplex frequencies start at 223.420 thru 223.900 Mhz. I'm sure that the ARRL will recognize more frequencies for packet (if they already haven't) operations between 223.400 thru 223.480 Mhz. But like I said. . . you've got to make it happen. If you know of any changes, let me know. I'm picking this info from QST managine, May 1987, pg. 44-47.

We, as members of the South Dade Digital Packet Group, encourage all novices who are interested in packet radio to get involved. When I first started in packet there was another packeteer who was willing to help me. Help is still available from local hams in your area. All you have to do is ask. Just because you're a novice doesn't mean a higher class operator can't assist you.

For more info or help, drop me a note, 15370 S.W. 104 Terr., Miami, FL 33196. I can be reached at home after 6:00 p.m. Ph.: 305-382-6687.

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STAFF
Andy Clark, W4IYT Editor/publisher
Bob Denton WB4FGL, Proof Reeder
Jan Zysko, N4MEI, Data Services
Bob Watson, W4DTV, No. Fla. Rep.
Anne Clark, Copy Lay-out.

State Editors:
QCWA: Eli Nannis, K4JMH, 14996 Imperial Pt. Dr., No. Largo 33544
CW: Ron Mettler WB4GHU, 904 Little Bend, Altamont Spgs 32714
SSB: Al Suhr, WB4AID, 1412 Tahoe Ct., Lake Worth 33461
Packet:

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DEADLINE: 8th of month in P.O. Box 501, Miami Springs, FL 33266.

SILENT KEYS

We are deeply sorry to report the passing of the following Florida amateurs. If you know of any kindly advise SKIP.

WA4GQY	Vernon G. Frey	Jensen Beach
W5DZF	J. M. Scott	Opa Locka
WA4PEJ	Robert Gordon Caniff	Gainesville
K4HI	Russ Chappell	Dunedin
W4OZG	Emanuel Caplan	Tamarac
W4QV	Rex Bassett	Fort Lauderdale
W4NFV	Bud Jones	Babson Park
WB4GSV	Simon Silverman	Ft. Myers
W4LFS	Lowell D. Gasaway	St. Cloud
W4MAA	Edward E. Warner	Astor
KB4OC	George O. Russell	Orange City
K4UGW	Logan G. Trenner	Apopka
WA4ZTY	Charles R. Curruth	Lakeland

NEW COLUMN

The new Florida Skip is happy to announce a new monthly column, entitled "HELP WANTED." This column will help needy amateurs obtain employment, while giving area employers a pool of skilled labor.

Prospective employers can send Skip a contact address, phone number, and positions available. Amateurs can send a description of their knowledge and skills, with address and phone number.

The applicant and employer will then discuss the possible position. Florida Skip will not partake in the negotiation process.

We hope this will be useful to those who may need it. —73, AC

WANTED

Avionics Electronic technicans wanted. Part time or full time . Days only. Bench experience prefered. Job on 36th Street in Miami Springs near International Airport. Please call Jim Bily, ALTA AVIONICS Inc. 5399 NW 36th St., Miami Springs, FL 33166 (305) 871-8357.

HAS YOUR LICENSE EXPIRED?

Check your license expiration date NOW!

If your license was issued prior to January 1, 1984, you may renew it at any time during the five-year grace period beginning with its expiration date. You will be assigned a new call if you renew more than two years into that five-year period. If the full five-year grace period has elapsed you lose your call and must be retested. If your license was issued January 1, 1984, or later, your grace period is two years. If the grace period has expired you have lost your call and you will have to be retested. If you apply for renewal under the grace period you must not operate until your new license arrives.

FCC Form 610s, which can be used to renew or modify your license, are available for an SASE from FLA. SKIP.

EDITORIAL

Some 30 years ago when FLORIDA SKIP was born. Florida had only 10 or so radio clubs. Now we have dozens of clubs and repeater groups, who are considered by many as a club as such.

Back in those days, SKIP was the main sourse of "letting all Florida clubs and others know what was going on each month!" It served a good purpose. As years moved on the clubs grew larger and as they did they were able to put out their own newsletters and bulletins. And this is good! They can even advertise their used equipment in their club papers which is also an excellent idea. Keep it up.

At this time the Staff of Florida Skip would like to congratulate the following clubs and editors on a wonderful job. All club eds are doing a fine job however some fail the basic rule of listing his or here name, call and phone number on each issue. Please don't be afraid to let people know who and where you are and how you can be reached with news items.

I would like to thank the following clubs for sending Yea Ed a copy of their publication each month.

The Balanced Modulator, NOFARS, Jax.	Ed. N4UF
BRARC Broadcaster, West Palm Beach	Ed. KB4UYL
Newsletter, So. FL FM Assn.	Ed. WB4MDY
DX-TRA, So. FL DX Assn.	Ed. WB4OSN
Florida QUA US Army Mars	Ed. W4YTA
The Modulator, Ft. Myers ARC	Ed. W4MPV
TON TOPICS, Hollywood ARC	Ed. KB4OMW
The Listenin Post, Orlando ARC	Ed. N4LGH
Digital News, Miami Computer Group	Ed. N4AL
The Relay Chater, Sun Country ARS	Ed. K4KIM
The Group Call., Motorola ARC	Ed. WD5EZY
DBARA Newsletter, Daytona Beach ARC	Ed. N4OFV/OFS
The Amplifier, Sarasota ARC	Ed. K2TKU
PCARS News, Platinum Coast ARS	Ed. KB4IJA
Relay Chatter, Playground ARC	(unknown)
Floridora YL, State YL Club	Ed. K4IJK

I am sure there many others but they do not reach my desk. REMEMBER.....The pages of Florida SKIP pages are open to any club or group regardless if you have a paper or not! If you want the rest of Florida and 32 other states know what your club is doing --- just drop a short column to our P.O. Box 501 before the 10th of each and we'll do our best to get it in now that we feeling better and have a little more space. 73/88 - AC

SOUTH DADE'S FIRST FREE FLEA ! !

Southern Technologies, Inc., is sponsoring a free tailgate swap-meet or amateur electronic gear to be held in their parking lot on Sunday August 2nd located at 10715 SW 190 St., No. 9, Miami. All welcome and bring gear ! !

FAMILY HAMS

From George K1QKJ, Homestead, FL.
W2ZB, Grandad (S/K), W2MCF, Dad - K1QMO, Mon - K1QKJ Son - W2KGZ, Uncle Mike and W4FSO, Uncle Al. Nice going!

FLORIDA SKIP, INC.
P.O. Box 501
Miami Springs, Florida 33266

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Enclosed is $8.00 FOR 1 year subscription to FLORIDA SKIP. My mailing address is:

☐ New ☐ Renewal

My CORRECT address is: Call _____

Name _____

Address _____

City _____

State _____ Zip _____

THE PACKET CORNER

By Vince Clarke, N4NZI

Last month I used the "shotgun" approach to give you a broad brush of packet and what it consisted of. I hope that you were sufficiently interested in the subject to get started in this fascinating aspect of ham radio.

There is a "jargon" that goes along with packet and you will pick it up as we go along. I will give you some of the terms used and what they mean. Those who attended the demonstration at the Lee County EOC may have picked up a copy that was handed out which contained some explanation of Packet Radio. For those who missed the meeting, I will explain some of them here.

Bulletin Board System. This is a software system which is designed to manage the operation of recording, holding and sending messages. These systems vary from station to station, but they all deal basically with the same type of information. The BBS holds bulletins of general interest, ARRL Bulletins QNC's and announcements. You also get a copy of the procedures used by the station to provide you with information about the station and a little history. All have "Help" screens so that when you check in there is no mystery about what you do next. It is all clearly explained and all you do is follow the instructions.

Another aspect of the BBS is a repository for messages you ask to leave for other hams and of course there is traffic which you send or pick up. Most Bulletin Board stations now use the automatic forwarding procedure which means that if you send a piece of traffic from Ft. Myers to New York in the morning, it likely will be delivered to its final BBS in New York the same day. So much for the BBS.

NET/ROM. This is a new term to the packet community. It is a "cross-over" software system using an EPROM which is a computer chip I am sure most of you are aware of. Needless to say it is versatile allowing you to contact a station on a different frequency to that you are transmitting on. You can be transmitting on 145.01 and call a station you know is on 145.09. You can be transmitting on 220 and call someone on 145.01. Full flexibility is afforded by NET/ROM. The stations with NET/ROM are referred to as MODES and if you want to know what the MODES are or who they are, you simply ask. "NODES" when you connect to the BBS and they will automatically give you the list of the stations and their frequencies.

Digipeater. By now you no doubt have found out that a digipeater is a simplex repeater station. You can use another ham as a digipeater to relay your signal to the next one or use a centrally located digipeater such as the one we plan to put up at the EOC to relay your contact request.

Several hams now on packet will provide a mail service and allow you to leave messages for hams in their area. One such as this is KB4CIA in Port Charlotte and another is KB4RLL in Okeechobee. The Mail Box is handy and lots of fun.

Space does not permit me to give you a lot of information at once but I will continue to give you the terminology as the months go by.

Novices and Technicians, under the new enhancement program using 220 to transmit may now get into packet and with the NET/ROM feature can communicate on 2 meters through a BBS with this facility. As you can see, all kinds of possibilities exist now for Novices and Technicians that did not exist before and they too can get involved.

Give it some thought. If you have a computer or terminal and a transceiver, all you need is inexpensive TNC to get started. Join us! Enjoy!

(THE MODULATOR - FT. MYERS ARC.)

EQUIPMENT COSTS

The price of amateur radio gear will not be increasing because of the recently imposed trade sanctions on Japanese goods enacted by the Reagan administration. After weeks of wondering if the price of ham gear would as much as double as the result of the new tariffs, it was learned on Friday, April 17, that amateur transceivers and allied accessories were on the "Excluded Goods List" because there is little in the way of domestically manufactured equipment. There still may be some slight rise in the price of amateur radio equipment imported from Japan before year's end caused by international currency exchange fluctuations between the American dollar and the Japanese yen, but his will be minor in comparison to what would have been the case if the new trade restrictions had been applied to the amateur radio market.

(The MIKE & KEY - June)

MELBOURNE HAMFEST

AUG. 29-30, 1987

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PROGRAM:

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FOR HAMFEST TICKETS, SWAP TABLE RESERVATIONS, OR INFORMATION, WRITE:
PCARS, P.O. Box 1004, Melbourne, FL 32902

TOP TWENTY TRAFFICERS — JUNE 1987
By WA4PFK and N4ADI

1.	W3CUL	2921	11.	K4SCL	220
2.	W3VR	1126	12.	AA4HT	216
3.	WX4H	514	13.	WA4EIC	181
4.	N4PL	466	14.	WA9VND	163
5.	WA4PFK	428	15.	WD4KBW	159
6.	WA4QXT	347	16.	WA4RUE	132
7.	W4NFK	258	17.	WA4RLV	131
8.	K4ZK	229	18.	WB4WYG	127
9.	KB4LB	227	19.	WA4EYU	120
0.	W7YWF	226	20.	AA4BN	106

TRAFFIC HOUNDS — JUNE 1987
By K4ZK, STM. SO. FL.

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MANAGER
QFN	857	14.1	494	8.2	60	W4NFK
FMTN	672	22.4	379	12.6	30	WB4AID
GN	312	10.4	287	9.4	30	WX4H
FPTN	1265	42.2	254	8.5	30	WB4WYG
TPTN	651	21.7	212	7.6	30	KC4VK
SEFTN	952	31.7	209	7.0	30	KA4YHS
FAST	596	9.9	189	3.1	60	WD4KBW
NFPN	1631	54.4	170	5.7	30	NS4C
QFNS	238	7.9	141	4.7	30	WA4QXT
SVTN	550	20.4	134	4.5	30	KB4LB
SWFTN	697	26.8	91	3.5	26	KI4ZW
FPON	443	14.8	89	3.0	30	WB4GCK
FMSN	308	10.3	67	2.2	30	WD4KBW
LSTN		.		.		NQ4P
SPARC	520	17.3	46	1.5	30	K5IHH
PBTN	367	18.3	23	1.1	20	K4FHW
AIN	97	24.3	14	3.5	4	WA4PFK
PRVAN	18	3.6	7	1.4	5	WD4KBW
ENMC	40	10.0	0	0.0	4	K4ZK

SSB AND ALL VOICE NETS
By Al Suhr, WB4AID

The most faithful contributor of Managers at present is Bill Richards, WB4WYG, Florida Phone Traffic Net. As a matter of fact his column is so well written that it will be displayed here unedited.

"Vacations are here but in spite of some of our net members travelling the expected total of checkin will be in the area of 1,265 for the month of June. This means a daily average checkin of 42.1 and this at 7 A.M. A very large WELL DONE to those regular stations that have made this net so popular.

FIELD DAY — of course — some of our members were out there with their clubs, but took time out from regular Field Day operations to make extra points by checking in where they knew the gang was operating.

Kenny, K4BZS is back and feeling much better, and taking his regular place as N.C.S. Big News - Miss Evelyn, W4WYR, is back on the air after a long time getting the rig repaired. The stories of the rig repair and her daily occupation keep us all in a jovial mood. "Doc" - W4SME is now back in the MIGHTY METROPOLIS of Micco and on the air. So good to have the powerhouse of Micco in the group. Miss Ginger - The "Cajun Queen" is planning an extended trip to Europe, and new member Miss Laura of Deerfield Beach is gracing us with her presence and helping with traffic in that area.

Hear the best of all this and more on 3940 at 7 A.M. DAILY. You are assured a warm welcome from the Friendly Phone Traffic Net.

In the last column Bill Matzinger, WD4KBW reported he had been made Manager of the FAST Net and that he had been able to reinstate the late session. He reports that during the month of May the late session activities were 23% above the EARLY session operations. He hastens to add that the Reps coming down from QFN account for this great increase. Those stations attending the EARLY session work hard to maintain traffic activity from several sources. This is very heartening and demonstrates good management. Let's all get behind Bill at 6 p.m. on 3940 on the FAST Net where we can and give him support.

The Tropical Phone Traffic Net as managed by Chuck, KC4VK of Edgewater was very active. This was surprising to many of us because Chuck, KC4VK held active interests in many nets. BUT HE CAME THROUGH LIKE A TROOPER and did a very fine job of managing Tropical. We appreciate his effort very much in sticking out the term and so maintaining this important National Traffic System Net. A happy ending to this story shows that KC4VK was RELIEVED BY THE ELECTION OF Bill Matzinger, WD4KBW as M,anager of the Tropical Phone Traffic Net effective July 1, 1987. Congratulations to both their efforts. Catch TROPICAL on 3940 at 5 p.m. eastern time.

The Florida Midday Traffic Net has reinstated the Certificate program which has been dormant for the past two years. FMTN Manager, WB4AID, Al Suhr announces the requirements as follows: 1. stations on the daily rolls must check in at least 10 times per month for three consecutive months. WEEKEND ENROLLERS must check in twice per month for three consecutive months. 2. Stations are to report their number of entrees to Certificate Officer Andy, N4JAQ. 3. Upon certification, issuance will be made by the Issuing Officer, Billy, N4UF. This will also cause eligibility for Section Net Certificates under the ARRRL program. In order to check and balance, FMTN Manager will monitor the program. This is similar to the successful certificate program conducted three years ago under the same FMTN Manager. Incidentally, calls are not deleted from FMTN rolls until an exhaustive attempt has been conducted to reinstate each absentee. Meet with FMTN DAILY AT 1600 UTC on 7247.5 KHz.

NEW NET DIRECTORY AVAILABLE

The 1987 Net Directory is now available from HQ for $1.00 postpaid. The new Directory contains current listings of all National Traffic System nets, and many other local, regional, national and international net operation.

Special interest and Novice nets are also included. Appendices include many QST articles on traffic handling and other resources such as a third party traffic countries list. The 1987 Directory features a gold color cover.

FLORIDA TRAFFIC NETS

TIME	NET NAME	FREQ
0700/1200	Florida Phone Traffic Net (FPTN	3940
0830/1330	Gator Net (GN)	3651
1200/1700	Florida mid-Day Traffic Net (FMTN)	7247
1700/2200	Tropical Phone Traffic Net (TPTN)	3940
1730/2230	Florida Medium Speed CW Net	3651
1800/2300	Florida Amateur Sideband Traffic Net (FAST/E)	3940
1830/2330	Northern Florida Phone Net (NFPN)	3950
1900/0000	QFN The All Florida CW Net (Early Session)	3651
2000/0100	QFN - Slow Speed Net (QFNS)	3715
2200/0200	QFN - The All Florida CW Net (Late Session)	3651
1630/2130	Florida Public Operations Net (FPON)	3908
0800/1300 Sat.	ARRL Information Net	3940

(CLIP AND SAVE.)

FLORIDA ROUTING TRAFFIC GUIDE

A must in every Florida Ham Shack. Edited by Ron Mettler, WB4GHU. ARRL numbered texts, CW abbreviations, Emergency Communications, Florida city abbreviations, Florida cities listing, ICAO alphabet info on traffic handling, Message form, Florida net listing, NTS routing guide, QN signals, 3rd party traffic restrictions, toll-free calling areas, 2 letter state abbreviations, State abbreviation and ZIP codes, ARRL Net Directory registration form, MARS "Z" signals most used, and more. 64 pages.

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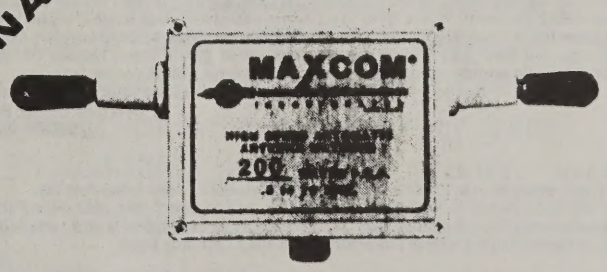

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TRAFFIC HANDLING TIP
By Dick Hill, WA4PFK

When sending two stations off frequency the NCS SHOULD call the receiving station first. This alerts the receiving station to listen for the call of the station that the NCS wants him to contact. This is important because it is the RECEIVING station who selects the frequency and calls the transmitting station — it is the receiving station who is going to have to do the copying! Remember down five does not mean exactly five but rather down five and then a spot selected where the receiving station is able to hear reasonably well.

When sent down five, if it is busy, continue DOWN to select a frequency. There are occasions when a handicapped operator may prefer that the transmitting station call. Also during bad band conditions if a very weak receiving station is making contact with a strong transmitting station it might be best if the transmit station

CW NET NEWS
de WB4GHU NO REPORT RECEIVED

OO'S CORNER
Eric G. Hogberg, W4TAH

The Rule for power is: The minimum power required to maintain communications. Minimum power not maximum power. Please don't use your Kilowatt amplifier to talk to your buddy across town. Sure you have perfect communications but the rest of the Amateur Community suffers from your lack of good operating procedures. Such is what LIDS are made of.

Rule 97.111 Transmissions between amateur radio stations of different countries, when permitted, must be limited to messages of a technical nature relating to tests, and, to remarks of a personal character for which, by reason of their unimportance, recourse to the public telecommunications service is not justified. In other words no business or monkey business.

Dear Florida Skip:

Request equal time to your article in June 1987 under the heading of Packet Radio BBS. I for one have a Packet Radio set up for 4 months now and am unable to use it. I can't find anyone willing to explain a lot of questions I have about the Commodore 64. I have even purchased an extra book for the so called laymen (me) and no matter what I try I keep getting "Invalid Commnad." So far I have learned how to boot up to Cmd. and even get connected to my bulletin board. When I do that then I am stuck as to "how to" receive any message or ARRL Bulletins. I have tried to go to any school and none teach Commodore. You have some listed but evidently they are for another computer which you didn't list. I tried your tips and they didn't work for me. How about giving some lessons for the Commodore?? Would greatly appreciate any help at this time. Thank you for listening.

Laura Magiera, WA9VND
Deerfield Beach, FL
305-428-5618

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Dear OM, Andy:

As you know, many of us in Florida will have new Postal ZIP Codes come July 1st.

I sent a ZIP code change to FCC in Harrisburg, Pa. and in return they sent me a Form 610, so I guess even a simple change like the ZIP code must be handled with a completed Form 610, or maybe I'm not telling you anything you didn't already know.

73,
Bob Clowes, K4MB
Clearwater, FL 34623

(EDITOR'S NOTE: Tell me about it Bob. FLA. SKIP RECEIVED OVER 160 change of ZIP numbers last month which is costly to us and all concerned. Does the government care about that? Hell NO!)

•

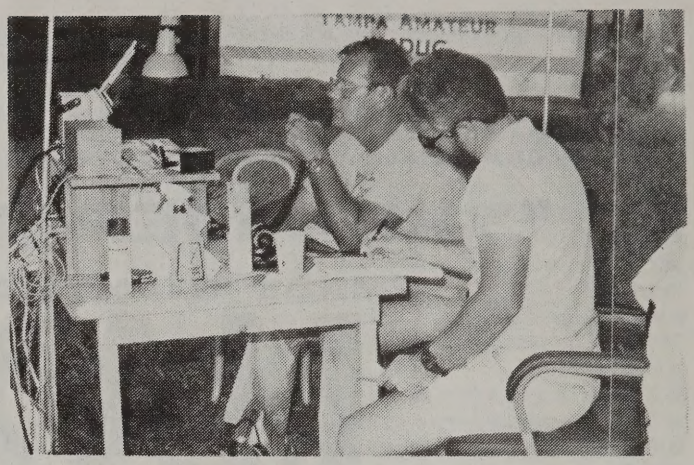
LETTERS

Editor, Florida Skip:

J. C. Arenburg, W4DZA, also a member of Civil Air Patrol, recently received a Certificate of Merit from the Department of Defense. The award was for copying the message sent by the Secretary of Defense to all volunteer communicators on Armed Forces Day, May 16, 1987. The message was transmitted by the Air Force station AIR in Washington on 13.9975 MHz.

J. C. Arenburg W4DZA
758 E. 31 St.
Hialeah, FL 33013-3339
691-6478

(EDITOR'S NOTE: Congratulations, J.C. We wonder how many others turned in a perfict copy-AC)



THE TAMPA AMATEUR RADIO CLUB did it again. Field Day at Lutz, FL. Here is the Novice station WD4REX with novice expert Maurice Berstein, WD4REX working 10 meter novice phone. Simon Jurdak, KB4YQF checks dup - sheet and logs. Watch for W4DUG's FD scores in QST later this year. (Photo by WA4LEN.)

C.A.R.S. DOES IT AGAIN
By Guice W. Johnson, WA4LHO

Four o'clock in the morning is pretty early, at least for most people. The reason for our early activity was a communications assist by R.A.C.E.S. for the Fawcett Memorial Hospital in Port Charlotte, Florida. Because of unscheduled maintenance on the internal telephone system some method was needed to temporarily replace the telephones. Cinda Ezzi, Director of Communications for the hospital, requested our assistance. At 3:30 A.M. on 19 June 1987 eight sleepy "Hams," complete with handy-talkies reported for duty. Because the switchboard could still handle external calls, we only had to furnish internal communications. By 4:00 A.M. we were briefed and each operator was stationed at a strategic location within the hospital. By 6:00 A.M. the maintenance was completed and we all retired to the executive dining room for coffee, rolls and a critique.

Mrs. Izzi expressed her gratitude and that of the hospital for the professional manner exhibited by the following: Walter Hoettels WB4TH, Guice W. Johnson WA4LHO, Freda Begeal N4OSK, Paul London KI4XZ, Robert Webb K9HBJ, Charles Zimmerman WD4HPJ, William Curry WA4YHN and Gilbert Hermeling W9UYE. Again it was proven that "Hams" are an important part of any community.

HOW'S MY AUDIO?
(From LERC, Lockheed Employees ARC Bulletin. KE6AR Ed.)

Does a 5 x 9 signal report always mean "perfectably readable"? Based on 30 years operating experience, Pete Killingsworth, KD7WZ, of Seattle WA offers a humorous look at what the other end of a QSO might really mean.

SUPERB AUDIO: It doesn't sould like you, but a least it sounds human.

EXCELLENT AUDIO: Sounds like your head is down in a barrel and you are talking into the wrong side of the microphone.

GOOD AUDIO: You do a great imitation of Donald Duck with the hiccups.

VERY PUNCHY: Are you using a speech processor or a garbage compactor?

A LITTLE HUM ON YOUR SIGNAL: Is that a Boeing 747 tearing up your back yard?

YOU MAY BE OVERDRIVING A TAD: I can hear your teeth hitting the mike.

SLIGHTLY TINNY: I can't tell which sideband you're on.

A BIT GARBLED: Am getting only every third word, but that is OK, because I'm not listening anyway.

SCRATCHY AUDIO: Sounds like your mike cord is shorted to your car's ignition system.

(ARNS Bulletin - June)

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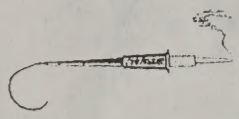

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ARMY MARS
MOSS PARK MEETING
By Mac McPherson, AAR4ND

More than forty persons attended and everyone participated. The highlights of the full agenda included:

1. SMD "Bert" Fow AAA4FL presented MARS certificates acknowledging 25 YEARS of voluntary service to the organization to KATHERINE C. ANDERSON AAR4DX (W8DUV) and EDWARD C. ANDERSON, AAR4DY (W8DUW). "Kay" and "Ed" became affiliated with MARS in Richmond Virginia, moved to West Virginia and finally to Apollo Beach, Florida. They have been active on all modes radio communication, including packet. They have served as NCS or ANCS when ever needed and still carry their share of the load on CW.

They received the FIRST ARMY COMMANDERS TROPHY for their work in the West Virginia flood in 1971. Ed was Repeater coordinator for W.Va. and Asst. Repeater Coordinator for the First Army. During the same period "Kay" was editor of the MARS newsletter and Training officer. She also won the "Ham of the Year" award at the Dayton Hamfest and they won the Division ARRL Service award.

Several members have outstanding records of voluntary service and will be surely recognized in due time.

2. The XYL's were interviewed individually in a very professional manner (ie, these conducting the interviews reported facts rather than rumors newscasters report all too frequently).

3. "Dick" Lamberson AAR4WT ASMD demonstrated the use of Packet Radio very effectively. The committee working on developing a packet network including Army and Air Force MARS is having are making good progress. More about that later. Unfortunately the Air Force and Navy MARS members had an emergency drill and could not attend the joint meeting as planned. More next month, 73 MAC.

HURRICANE EMERGENCY KIT FOR HAM RADIO OPERATORS
By Joel Kandel, KI4T

IDENTIFICATION: 1. Photocopy of ham license; 2. ARES/RACES ID cards & patches; 3. ID tag with name and call.

PAPER GOODS: 1. Note pads; 2. ARRL/C.D. message pads; 3. Log; 4. ARPSC Manual; 5. Pencils, sharpener, or knife; 6. Check list of items in kit.

PERSONAL ITEMS: 1. Food for 24 hours; 2. Blanket, pillow, sleeping bag; 3. Medication if required; 4. Cooler with water or soft drinks; 5. Portable, battery powered AM/FM radio. 6. Games for children (minimal toys only).

HARDWARE: 1. 100 yd. roll of 100 lb. monofilament; 2. Fused 12 volt power cord with battery clips for rig; 3. Extra fuses; 4. Assorted connectors; barrel, double male, right angle, tee, PL259, SO239 (chassis type) and male RCA to SO239 adapter, make to female phone plug for earphone; 5. Extra battery clips; 6. Two 12-15 foot lengths of RG58 or mini-8 with PL-259's at both ends; 7. Travel-tenna or other portable 2 meter antenna; 8. Hobby wire, 75 ft., two packages, for antennas; 9. Screwdriver and side cutting pliers; 10. Headphones; 11. Flashlight and extra batteries; 12. Tape measure; 13. Soldering iron and solder; 14. Container to hold all this. Surplus ammo box or other water tight box.

FLORIDA REPEATER MAP

The only one of its kind! The 1987 5th edition of the Florida 2 meter map is off the press. Another beautiful job by map editor Bill Tucker, W4FXE - with our sincere thanks to the Florida Repeater Council. each city has its own box with frequencies listed therein. There is another list by frequency along the side. Map is again printed on 11 X 17 inches, black on yellow bond paper. Easy to read. Once again we are keeping the price down to only 25 cents each with your No. 10 (standard 10 inch business) envelope, self addressed and 22 cent stamp. Send to: Map, Florida Skip, P. O. Box 501, Miami Springs, FL 33266.

There is nothing like a Field Day, says WC4R, NJ4W and WB4-ERU of the South Florida Ham-sters as they raise the U.S. Flag and 3 element Yagi tri-bander beam on the beach in Broward County. With plenty of signs posted it wasn't long before crowds of beach go'ers were learning more about Amateur Radio Nice going guys.! (Photo by N4FL)

CANCELING A LICENSE OF A SILENT KEY

The FCC no longer deletes calls of Silent Keys unless its cancellation is specifically requested. Since the term of an amateur license is now 10 years, the family of the deceased amateur could continue to receive correspondence, which is sent based upon FCC records, for at least that period. In order to avoid this, families of deceased amateurs should send the license, or a letter if the license cannot be found, requesting its cancellation to FCC, Consumer Affairs Office, Gettysburg, PA 17326.

(The ARRL Letter)

AMATEUR RADIO NEWS SERVICE

ANNUAL
PUBLICATION AWARD

FOR THE ADVANCEMENT OF AMATEUR RADIO JOURNALISM

* * * FLORIDA SKIP * * *

EDITED BY: ANDREW C. CLARK, W4IYT
having been judged

SUPERIOR

is hereby awarded this testimonial in official recognition of the excellence of its performance and outstanding contribution to Amateur Radio journalism during 1986.

Dated DECEMBER 31, 1986

N. Carol Shrader
VP PUBLICATIONS

Lee Kimble, W9HOL
President, A.R.N.S.

The above Annual Publication Award awarded by the Amateur Radio News Service speaks for itself. The Staff of FLORIDA SKIP is most honored to receive it. The SUPERIOR is the highest award made. Thanks A. R. N. S.

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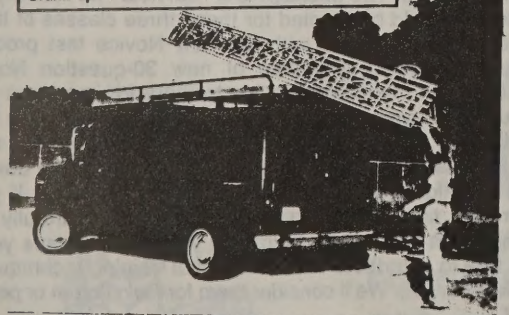

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1987 FLORIDA QSO PARTY RESULTS

FLORIDA SSB ENTRIES********

**	K4XS(Pasco)-------1,937 X 84	162,708 Points	Suncoast ARC
*	KF4BU(Okaloosa)---803 X 71	57,013 Points	Playground ARC
*	N4BP(Broward)-----698 X 64	44,672 Points	
*	WD4JNS(Dade)------297 X 66	19,602 Points	
*	K4GF(Marion)------245 X 49	12,005 Points	
	W4WKQ(Okaloosa)---155 X 35	5,425 Points	Playground ARC
	WA4QHQ(Dade)------140 X 33	4,620 Points	
*	W4HAW(Glades)----- 87 X 30 (Class A)	3,915 Points	WPB ARC
*	N4FJL(Palm Beach)-101 X 33	3,333 Points	WPB ARC
*	KR4U (Pinellas) 76 X 31	2,356 Points	
*	WK4F (Lee) 60 X 25	1,500 Points	Ft. Myers ARC
*	N4UF (Duval) 33 X 20	660 Points	
	W4IZ (Duval) 30 X 11	330 Points	
	K4FCW(Pinellas) 6 X 2	12 Points	

OUT OF STATE SSB RESULTS**********

**	WAØQIT (Minnesota)	88 X 20	1,768 Points
*	K4BNC(New Jersey)	28 X 11	308 Points
*	WA5DTK(Texas)	24 X 7	168 Points
*	W4HVU (NC)	18 X 8	144 Points
	K2PF (NJ)	18 X 8	144 Points
*	WB4CVH(SC)	12 X 5	60 Points
*	N8EUQ(Mich)	8 X 4	32 Points
*	KA7VUG(Utah)	8 X 3	24 Points
*	AK7J(Ariz)	8 X 3	24 Points
*	KA3GXP (Pa)	4 X 2	8 Points
*	N6OLJ(Calif)	4 X 2	8 Points

CW FLORIDA RESULTS

**	WC4E(Pasco) 379 X 81	30,699 Points	Suncoast ARC
*	N8GG/4(Pinellas) 312 X 79	24,569 Points	Fla. West Coast DX Ring
*	N4BP(Broward) 101 X 39	3,939 Points	
*	N4UF (Duval) 11 X 7	77 Points	
	W4IZ (Duval) 10 X 7	70 Points	
	WA4STZ(Duval) 8 X 7	56 Points	

OUT OF STATE CW RESULTS**********

**	VE3KK(Ont)	66 X 18	1,188 Points
*	KB1VL(Mass)	44 X 12	528 Points
*	K2PF(NJ)	28 X 10	280 Points
*	W4NM(Va)	32 X 8	256 Points
*	WAØQIT(Minn)	20 X 7	140 Points
*	KA3GXP(Pa)	20 X 7	140 Points
*	W5NR(Tex)	12 X 6	72 Points
	WA5DTK(Texas)	8 X 4	32 Points
*	AK7J(Ariz)	6 X 2	12 Points

**= Trophy/Plaque winner *= certificate winner

CLUB AGGREGATE SCORES

** Suncoast Amateur Radio Club (P.O. Box 7373; Hudson, Fla. 33567)-----193,407 Points (2)

Playground Amateur Radio Club(Ft. Walton Beach, Fla.)---------- 62,438 Points (2)
Florida West Coast DX Ring---------- 24,569 Points (1)
West Palm Beach Amateur Radio Club---------- 7,248 Points (2)
Ft. Myers Amateur Radio Club---------- 1,500 Points (1)

You will find the results of the 1987 Florida QSO Party elsewhere in this issue. It appears the Florida amateurs are not supporting the QSO Party as in the past. True the band propagation was not good, but the Florida amateurs did not turn out and as a result the out-of-state operators had no one to contact.

In view of the lack of support to the FLORIDA QSO PARTY, Florida Skip hereby notifies all concerned that it is not worth the money or effort to sponsor this Contest next year. If some other club or group wishes to continue the contest, we will be happy to give our full support to them.

Once again our sincere thanks to the North Florida Amateur Radio Society and to Pete Nissen W4PTT for all their excellent support and conducting the Party for the past 3 years. They did a wonderful job as always in everything they undertake!

If any amateur or club has any comments on the above, please drop a line to Ye Editor ASAP. 73 —AC

On Novice Enhancement: Where Do We Go From Here?

On the evening of March 20, 1987, Novice Class radio amateurs gained access to some pretty exciting operating privileges. New voice and data transmission allocations on 28, 222 and 1240 MHz instantly make Novices prime candidates for expanded responsibilities in traffic handling and public service communications. We have gained the newly-expanded Novice resource— what are we going to do with it?

Now, more than ever, the Amateur Radio Service is depending on the guiding hand of instructors, Elmers and examiners. Last year we conducted a survey among prospective radio amateurs. Of those who returned the questionaire, more than 50% of the newcomers to Amateur radio first heard of our hobby from a friend or family member. While having good printed matter available is important, the would-be ham really needs a living, breathing human nearby to answer questions and give guidance.

What kind of guidance is needed? Well, it's easy to point to the hard- working Novice course instructors—they have a defined body of material to be covered. The Elmers serve as mentors, helping new hams find their way in unfamiliar territory—a body of knowledge that has now expanded to include VHF/UHF propagation and antenna basics, and operating fundamentals for SSB, data transmission, and FM/repeater operations. Safety precautions regarding VHF/UHF radio wave energy should also be covered.

The ARRL has prepared new question pools for Novice, Technician and General Class exam preparation. We have sent an Instructor/Examiner Package to all ARRL-registered instructors and affiliated clubs. The package is a "survival" kit that explains what material should be studied for these three classes of license. We have also helped you with the new Novice test procedures by including several examples of new 30-question Novice tests. Because our Registered Instructors are an important part of the picture, we have added them (nearly 2000 names!) to the *Field Forum* mailing list. This is one area where we are improving our service to instructors; you need to stay informed about late developments and techniques in the area of training new hams. If you are an instructor, take the time to read this newsletter carefully. You'll find many items that will be helpful to you. We welcome your input—feel free to contribute an article about training techniques that are working for you. We'll consider them for *Field Forum* or perhaps even *QST*.

Be sure to check *QST* every month for updates about Novice Enhancement and the latest on test procedures. We've already had feature articles in March and April, the ongoing series of "Novice Notes" began in February, and late-breaking news appears monthly in "Up Front," "League Lines," and "Happenings."

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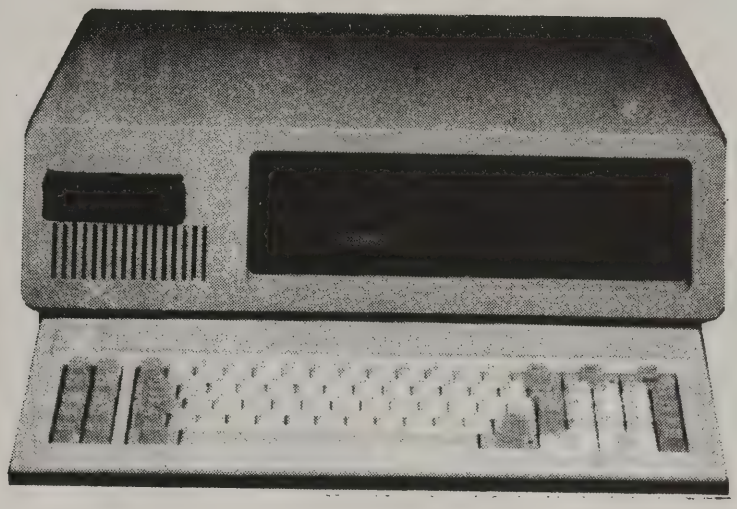

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THE FCC INFO PAGE

BOCA RATON AREA EXAMS

FCC exams are given by the IBM Radio Club at the IBM facility in Boca Raton. Exams are scheduled for the first Friday of the month at 5 P.M. Bring a photocopy of your license, positive I.D., and $4.35 to cover the testing fee. Contact Pete Brunet, WS4G, during working hours at 998-2512 for more details.

BROWARD COUNTY

CAVEC exams are held each month on the first Saturday at 8:45 A.M. and the third Thursday at 7:15 P.M. at the Racal-Milgo facility in Sunrise. The address is 1601 North Harrison Parkway. This is the SW corner of Sunrise Blvd. and N.W. 136th Ave., and is at the south end of the new Sawgrass Expressway. All exams are on a walk-in basis. Fee is $2.00 for all except Novice, which is free. Talk in is available on 145.27 (Tx-600). For additional info call Chip, AK4Y (H) 476-8761 or (W) 476-4763 or call Joe, KB4FO (H) 434-8211 or (W) 476-4567 in Broward, or during business hours from Dade 592-8600 extension 4321.

DADE COUNTY
AMATEUR RADIO EXAMINATION SCHEDULE

LOCATION: Dade County Emergency Opeations Center, 5600 S.W. 87th Avenue, Miami, FL 33165.

Examinations start at 9:00 A.M..

July 11; Sat., Aug. 8; Sat., Sept. 12; Sat., Oct. 10; Sat., Nov. 14; Sat., Dec. 12, 1987. (Second Saturday of the month.) Tropical Hamboree, Dade County E.O.C., 5600 S.W. 87th Avenue, Miami, FL, Saturday, February 7, 1987 — 9:30 A.M. Walk-in examinations on test available basis. FCC Form 610, photocopy of license, positive I.D., $4.35 check payable to ARRL/VEC needed for exam. Mail FCC Forms and Check to: Bill Miller, N4EFQ, 9910 Collins Avenue, Bal Harbour, FL 33154.

Call for further information: Ron Bell, WN4L, 247-2944 after 6 p.m.

DUNEDIN TAMPA BAY AREA

W5YI coordinated Amateur Radio Exams conducted by the D.A.R.A.V.E. testing team, the first Monday of each month, 7 p.m. at the Dunedin High School (Foreign Language Building No. 99), 1651 Pinehurst Rd. Bring original and copy of license, positive identification and $4.35 fee.

Talk-in freq. 145.210 or 145.310. Walk in will be accepted. Info from KI4MO, AA4XI or write D.A.R.A., P.O. Box 1851, Dunedin, FL 33528.

Please see news item elsewhere in this issue.

FCC EXAMS

The Central Florida Volunteer Exam Council will offer FCC Exams for all classes of licenses on Saturday, July 18, 1987 at 10:00 A.M. in Fellowship Hall of The First Presbyterian Church of Maitland, Florida. The Fee will be $4.00 and Form 610 will be available at the test session. You must have your license, a copy of it, as well as any Certificates of Successful Completion and copies of them to attach to your 610. Two forms of ID will also be necessary. The Church is one block North of Horatio Avenue, on 17-92 on the Northwest corner of George Street. There is no charge for the Novice Test. Contact N4ADI, Roy Mackey at (305) 644-5905.

FORT MYERS FCC EXAMS

The upcoming FCC Exam Schedule sponsored by the Ft. Myers ARC (ARRL-VEC) is as follows:

Sept. 19, 1987
Nov. 21, 1987

Contact Bob Strathy, WV4F, 5428 Brandy Circle S.W., Fort Myers, FL 33907 (SASE) or phone (813) 481-4880 for further information.

HERNANDO COUNTY

The Clover Leaf ARC has scheduled Amateur Radio exams for Monday, July 27 at 6:30 p.m. to be held at the Clover Leaf Visitor's Center with ARRL as VEC. Contact/Liaison is: Regis Kramer, W4ILE, 900-2032 U.S. 41 N., Brooksville, FL 33512. Phone 904-796-6802. Pre-registration is recommended. Walk-in's limited. Needed will be: (1) Completed FCC Form-610, (2) Positive identification, (3) Photocopy of present license, (4) Check in amount of $4.35 made payable to ARRL/VEC, (5) Originals of any code/written credits.

Watch this page for Exam schedules serving Pasco-Hernando-Citrus counties. A VE Council serving this tri-county area met in Brooksville May 6. Exams have been scheduled through May 1988.

JACKSONVILLE FCC EXAM

FCC exams will be offered by theNOFARS-CAVEC VE's in Jacksonville, FL at Ed White High School at 6 P.M., 1700 Old Midleburg Rd. on 14 May and 12 November 1987 and also at the Greater Jacksonville HAMFEST on Saturday afternoon, 1 August 1987 at 1 P.M. Bring photocopy of your license, original of any Code/written Credits, $4.00, and positive photo ID. For additional info contact Pete Nissen, W4PTT, 7825 Ll Trec Dr., Jacksonville, FL 32221-6739 (SASE) or phone 904-781-0972.

NORTHWEST FLORIDA EXAMS — CRESTVIEW

FCC exams are given the second Saturday of each third month, at 9:00 A.M. Local, at the Council on Aging Building, 298 S. Wilson St., Crestview, FL. Fees $2.00, walk-ins welcome. Free Coffee, 610's on hand. Plenty of rag-chewing, talk-in on 147.36 - WB4CDR/Rpt. Bring Copy of license and an I.D. with picture (e.g. Driver's License.) Next session May 9th 1987. More infor: WB4ORK/CVE, Rt. 1, Box 189 CF, Crestview, FL 32536.

OCALA

W5YI Exams are held each month on the last Saturday at 10 a.m. at the H.R.S. Building, 2210 South Pine Avenue, Ocala, FL (directly behind JobFinders Office Bldg.). All exams are on a walk-in basis. Fee is $4.35. Novice tests free. Talk-in is available on 145.13 (TX-600) or contact Jerry K4UBR 629-6049 or Terry N4NWN 351-0469.

TAMPA TEST SCHEDULE

Last Thursday of each month: June 25, July 30, August 27.
Red Cross Bldg., 217 N. Howard Ave., Tampa, FL.
7:00 P.M.

Bring a COPY of your license and $4.35 CASH, along with 2 IDs. Non-programmable calculators are permitted. Candidates for NOVICE are welcome. To insure seating, advance notice is recommended. Call: Arlie, K8OCZ (813) 986-6352 or Scott, KA4FRO (813) 685-2514.

WEST PALM BEACH

The Palm Beach Amateur Radio Council, Inc., is giving Amateur Radio License Tests on each 3rd Saturday of each month, at Palm Beach Junior College, 4200 Congress Avenue, Lake Worth, Florida, Room - Criminal Justice 101, at 9:00 AM. The tests are given under the ARRL-VEC and currently cost $4.35. Walk-ins permitted on an materials available basis. Pre-registration strongly advised, except for code testing. Next tests June 20, July 18, August 15, September 19, October 17, November 21 (may be at South Florida Fair Grounds), and December 19, 1987. —73 KG4U.

EXAMINATION RESULTS MAY 15, 1987
By Roy Mackey, N4ADI, CVE-CAVEC Central FL.

Tuesday evening, ten Volunteer EXaminers gave 29 different tests to 18 candidates who were trying to upgrade their licenses, or obtain their first ticket. Twelve of the applicants were able to upgrade or get new licenses. The successful ones are:

To EXTRA CLASS: KA4WDA, Richard Ciavarra. To ADVANCED: WA4HHZ, Ronald Hankins. To the GENERAL CLASS: N4PLK, William Rader. To TECHNICIAN: WB4GHC, Francisco Diaz; KB4DCR, Karl Lambert; KB4YPO, Timothy O'Rourke; WD4OHM, Jerry Miller; Agnes Martin who is waiting for her Novice call, and Stanley Kuczynski who passed all the tests to get to the Tech License. And last but not the least two new Novices: Robert Gardner and Jeffrey Sargent. Kurt Meyerhardt passed his Written Test and received a CSCE for Element 2, so when he passes the 5 WPM code test he will become a new Novice, too.

Our sincere thanks to the examiners who took their time to put the session together and conduct the tests and the subsequent paperwork, i.e., WA2ARS, Mort Cohen, W0RAO, Ed Cox, NE4I,

QSY P. 14 Col 2

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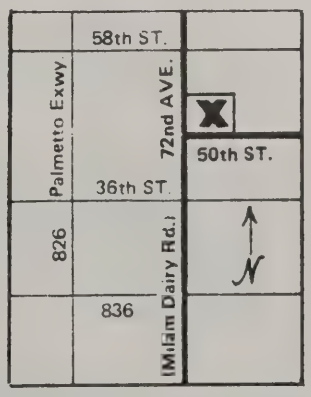

LAKELAND

ARRL Volunteer Exams will be held at 10:00 a.m., Saturday, November 7, 1987 at the American Red Cross building, 1815 Gilmore St., Lakeland, FL. Novice exams are free: all others are $4.35 (checks made payable to ARRL/VEC.) Candidates must present their original Amateur Radio license (if any) before testing. A photocopy is also necessary to forward with exam papers. Walk-ins will be accepted but prior registration will be appreciated with Bruce Britt, N4NGP, 4659 Dossey Road, Lakeland, FL 33811, 813/646-3120. FCC Form 610 is available for a S.A.S.E.

HAM CLASSES

Am presently Presidentof the Indian River Amateur Radio Club in Central Brevard. We are about 233 members and still going strong. We are also running Ham Classes at Merritt Island High School Mon. and Wed. nites. We have a fine group of students from 10 to 75 years of age and they are coming along fine. And they are coming along great.

73, JOE WA4MMD

NOTE DXERS

A $100 REWARD is being offered by famed DXers Lloyd and Iris Colvin, W6KG AND W6QL, for information leading to the return of 106 different YASME QSL cards that disappeared at the 1987 International DX Convention in Visalia, California, April 3 and 4. The prized QSLs were posted on a wall just outside the main Lecture and Banquet room of the Visalia Grosvenor Hotel as part of a special display. Several of the QSL cards were the only ones still available, and all are easy to identify with callsigns printed in red. If you can help to locate these ham radio treasures, please contact Lloyd and Iris Colvin at 5200 Panama Avenue, Richmond, CA 94804, or call them collect at (415) 524-1177.

(THE WESTLINK REPORT)

FLORIDA SKIP STOLEN EQUIPMENT HOTLINE

Please call PARAGON TECHNOLOGIES at (305) 238-7226 or write to P.O. Box 163135 Miami, FL 33116 if you have had amateur radio equipment stolen or know the whereabouts of any of the following:

MAKE	MODEL	TYPE	SERIAL NO
ADVANCED RESEARCH	VDG-144V	2 M PREAMP	?
~~AZDEN~~	~~2006~~	~~2 M MOBILE~~	?
AZDEN	PCS-4000	2 M MOBILE	200540
AZDEN	PCS-4000	2 M MOBILE	202660
BIRD	43	WATT METER	111008
BIRD	43	WATT METER	?
FLORIDA	CUSTOM TAG	LICENSE PLATE	WB4KSD
ICOM	02-AT	2 M HAND-HELD	34872
ICOM	22-S	2 M MOBILE	?
ICOM	25A	2 M MOBILE	14510525
KANTRONICS	TNC-1	PACKETT TNC	49504
KENWOOD	SP-100	SPEAKER	?
KENWOOD	TM-211A	2 M MOBILE	5101179
KENWOOD	TM-2550A	2 M MOBILE	6060616
KENWOOD	TW-4000	2 M/440 MOBILE	3121204
MICROWAVE MODULE	~~MML-144200S~~	~~2 M LINEAR~~	~~?~~
TRIPPLITE	40 AMP	DC SUPPLY	?
YAESU	FT-227R	2 M MOBILE	?

A Tempo 2 meter hand-held has been found and being held by local official in Miami. If you are the owner and can provide the serial number and proof of ownership, please call the HOTLINE above. This item will be held for approximately 6 months before disposal.- 73 Jan N4MEI.

VE EXAM REPORT

Just a report on the Playground Amateur Club FCC VE Exams completed Saturday, June 20, 1987: 3 upgraded to Tech; 2 upgraded to Extra; 1 completed Novice exams (code & written); 1 failed Tech written exam. Total of 11 Exams given (code and written).

For your information the next FCC Exam in this area will be on Saturday, Aug. 8, 1987, at the Crestview location previously published.

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IC-28A /HM14	139-174MHz RX,140-150MHz TX,CAP,MARS,32MEM,SCAN 25W,12VDC MOBILE	$ 359
IC-38A /HM14	220MHz,25WATT,21MEM,TTN MIC,SCAN,TONES,SKIP, 12VDC MOBILE	$ 409
	SPECIAL SPECIALS	
IC-2AT	2meter,1.5W,HT,NiCd, CHGR,SS BELT CLIP	$ 229
IC-4AT	440MHz,1.5WATT,HT,NiCd, CHGR,SS BELT CLIP	$ 259
IC-271A	ALL MODE 2meter,25WATT, 12VDC,BASE,32MEM,SCAN	$ 649
IC-271H	100WATT VERSION OF 271A	$ 849
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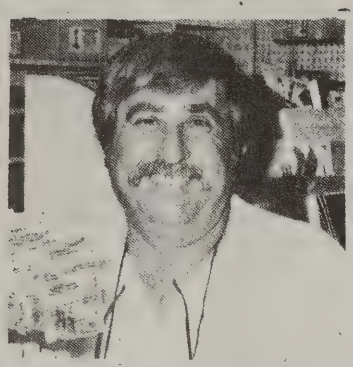

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BEEN ON 10 MTRS. LATELY???

By Walt Dixon, W4DWN, AMSAT 1184

With the new Novice-Tech enhancement benefits hordes of happy Hams have descended upon the 28.5 to 28.3 MHz portion of the 10 mtr. band.

If you think it's for beginners only you are badly mistaken. All the ole timers crawled out of the woodwork and are having a ball helping the newcomers to 10 meters. They have practically deserted their favorite haunts 28.5 to 28.6 MHz to join the fun below 28.5.

It is quite a thrill to be told that the operator at the other end is 12-years-old or younger and that this was their FIRST CONTACT. With the Summer Short Skip season in full sway the band is jammed packed with QSO's on top of QSO's. Twenty meters has moved to 10! Even some European DX has slipped thru with South America, and the South Pacific opening up once in a while. All down in the 28.5-28.3 MHz section. Heard a guy on Christmas Island say he was on to work the Novices-Techs. Everybody is in the act!

As the months roll by and band conditions really get better the sky is the limit as to where the activity will go.

I'm sure the Novice-Techs will reap a major benefit from their 10 meter experience and that Amateur Radio will be the better for it.

CU on 10 mtrs.

NEW ASSOCIATION

The Association of North American Radio Clubs—ANARC—has recently formed a "Committee to Preserve Radio Verifications." The goal of this group is that of preserving short wave listeners' and amateur radio operators' QSL card collections that would otherwise be lost forever due to such occurrences as the demise of the collection's owner or his decision to back away from a radio oriented hobby. To the families of many departed radio enthusiasts, such QSL collections are viewed as junk, and are quickly disposed of. If you know of a QSL collection destined for the scrap heap, please salvage it and send it to the ANARC Committee to Preserve Radio Verifications, Jerry Berg, 38 Eastern Ave., Lexington, MA 02173.

(Tnx SWL. WESTLINK REPORT)

Through the efforts of the Everglades Amateur Radio Club in Homestead, they were able to get their city to proclaim AMATEUR RADIO WEEK, June 22-28. In a nice article, June 23 in the SOUTH DADE NEWS LEADER, WB4JFA and KB4BU had an excellent story about amateur radio and invited the public to visit their Field Day site at Harris Field. Above photo shows Don Compton, KB4BU, Cathy Henning YL of WB4JFA and Club Pres. Cef AA4CH. We hope other Florida clubs were able to do likewise -- even though the Proclamation from Tallahassee arrived here late for publication last month.

(Photo by WB 4JFA')

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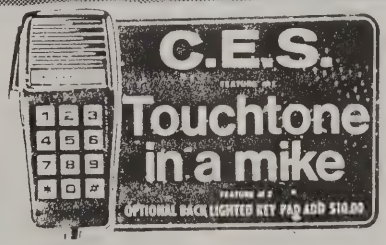

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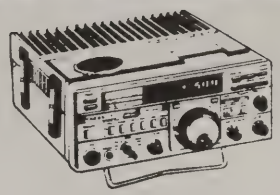

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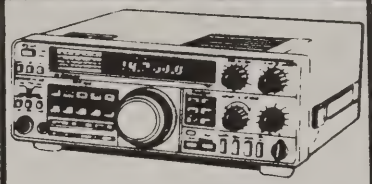

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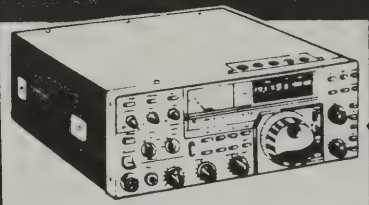

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Quarter Century Wireless Association

FLORIDA STATE QCWA NEWS

Edited by Eli Nannis, K4JMH

HQ has announced that QCWA Gold Membership pins are now available with Year-tags 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 & 75 years of amateur service. The price is now $9.00. QCWA has also prepared membership correspondence materials, letterheads and envelopes, designed for use by its members. The cost of 25 envelopes and 25 letterhead sheets is $5.00 per packet.

The deadline for publication for the Fall issue of "QCWA NEWS" is July 20th.

New membership application form has been revised. Send to HQ for the new forms. HQ will publish this summer, 2 new documents. One will be a complete list of all known silent-key members.. The second document will be a list of all members of QCWA as of Dec. 31, 1986, arranged alphabetically by last name. The material included will be name and call. Since the same data base will be used as that in the 1987 directory, the two may be used together as a cross-reference Name/Call & Call/Name. Only 500 will be printed of each document. The price will be $2, postpaid. I have received the new QCWA revised Chapter Manual. It is an excellent document and each chapter Secretary has been sent one. It would be good discussion material for a meeting. Section III (Chapter Organization and Operation should be studied very carefully.

GATOR CHAPTER: Our first unofficial meeting was held on June 6 with 35 members and guests in attendance. Wedding anniversaries were Paul W1DLP 49 years and Bill W4STX 33 years. We were sad to lose a long time member, Russ Chappell. He was a former President of our chapter and our Sunshine committee. He call was K4HI. Our whole area will have their zip code changed. Our roster will have to be corrected. We welcomed a new member Frank Klace W4YSH. The next chapter meeting will be on the 4th of July holiday.

—Reported by Eli Nannis, K4JMH

PELICAN CHAPTER: Our chapter is now in summer recess for 3 months. We do continue to meet for breakfast on the 1st Wednesday of each month and our chapter net is on every Saturday at 10 A.M. on 06/66 repeater. A membership directory should be ready for distribution at the September meeting. Our President Phil Stern WA4ZVO has left in his RV to visit his son and family in Connecticut. He will leave to the west coast to visit other friends and relatives.

—Reported by Don Bice, W4PCO.

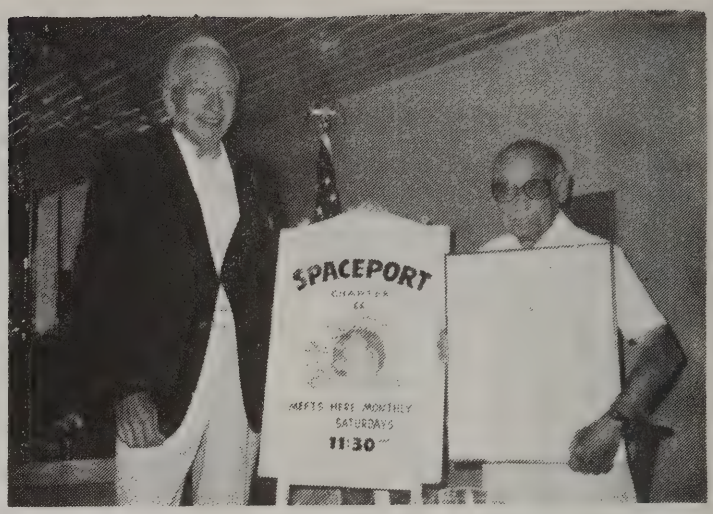
CENTRAL FLORIDA CHAPTER: Our chapter will continue to meet all summer at the Sirloin Family Steakhouse on U.S. 98 N., Lakeland. Our net operates on Saturday at 10 A.M. on 7243 KHz. W2HGV has made a trip to China. K8RIF is back in Ohio after touring the country. W4LHP is giving out new counties on the County Hunters Net while to and fro to N.C. WT4F doing his usual good job on activities and this time on F.D. VE3BIs has a good signal from Ontario with a dipole antenna. WB4RSC will travel NY, WI and UT this summer. N4LBC plans a new low band antenna if the wx cools off.

—Reported by Jim Gundry, W4JM

EVERGLADES CHAPTER QCWA will resume regular meetings Saturday, Sept. 12 at 12:00 noon, at Mr. Ray's Restaurant in Lauderdale Lakes Mall, 3407 North State Rd. 7 (Rte. 441) just North of Oakland Park Blvd.

SKIPITS

The perils of overwork are slight, compared to the dangers of inactivity. . . . . .
Adversity introduces a man to himself.
To listen is to grow. . . . .
The best way out of a difficulty is through it . . . . .
A moment's thinking is an hour in words. . . . . .
Bloom where you are planted. . . . . .
Out of the strain of the doing into the peace of the done. . . .



Eighty-one year old Allen Apple, K4ILX, Merritt Island FL (R) displays his recently received QCWA Golden Anniversary Award certificate with the 65-year endorsement seal affixed. Spaceport Chapter No. 66 President Bob Stewart, K6ETB is seen with Allen at the April meeting of the Chapter, Holiday Inn, Cocoa Beach. Allen is the Treasurer of the Chapter. (Photo via KØREC.)

KNIGHTS OF THE KILOCYCLE

"World's Longest Running Phone Net"

By Phil McMasters, W4BCZ

We did it — We operated the net without W4NG as Master Oscillator. Earl was given a pardon after long and faithful service. It was a hard fought election — not because of contest for the job but to get someone to be there every week. Finally Jay K9BSL in St. Pete agreed to do it again for three months. W4NG will be the buffer doubler for the next 3 months and Jay will continue to read the weekly birthday and anniversary list with his other duties. W4GUJ John in High Springs will read the ARRL bulletins, and W4BCZ will continue his job of sending out the "GET WELL CARDS" and writing this column, along with his Chaplain Duties which he shares with W4AJX Bob, who is well qualified to be the chaplain.

We did have a mobile in North Carolina call in and a better than could be expected roll call for a Holiday week end.

We can use more members and qualification only requires that you tune to 3910 KILOCYCLES at 7:30 Sunday mornings five in a row. No fees, dues and we give you a membership certificate, remind you of the birthday and anniversary, and mail you a "GET WELL CARD." You will even have an initiation ceremony. Try and beat THIS BARGAIN! 73.

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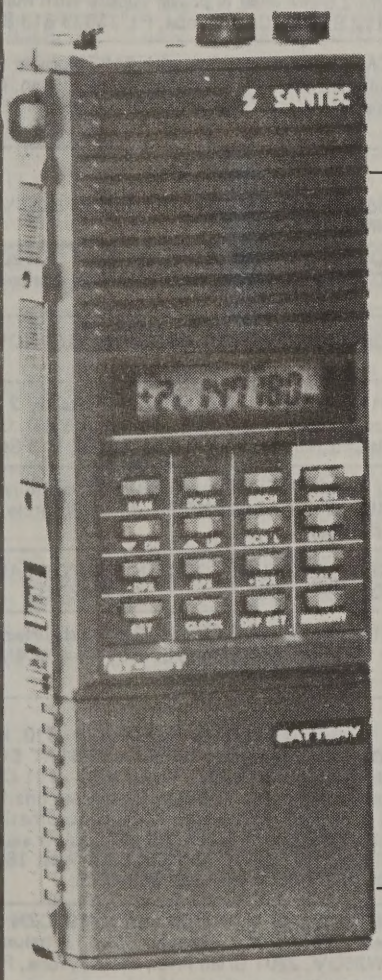
The ST-20T



Why Spend "Big Bucks" for a "New" Model Name, When SANTEC Has What You Want Already and at a very reasonable price. SANTEC, Designed by American Hams has always been years ahead of its time. The Competition still hasn't caught up, and probably never will. The SANTEC ST-20T is the best Dollar Value on today's Amateur Market. Check out all the new ones, then check Williams Radio for a SANTEC. You can't do better -- we can show you!

Some of the features of today's SANTEC ST-20T

- Direct DC (7-17V) Operation. No options or plugs to buy
- First with "Battery Saver" - Lithium Battery Backup
- First and only Handheld with Auto-dialer memories
- First and only Handheld with 24-hour clock
- First and only Handheld with simplified key board entry
- ROM Memory eliminates unnecessary keyboard functions
- 10 Memory channels - four modes of scan - automatic offsets
- First with individual channel "oddball" offsets and sub-tone
- 1/2-watt and 3-1/2 watts on 9.6V 250mah battery (5W Dir DC)
- 5-watts Direct DC or with optional 450 mah battery paks
- Analog-lighted "S" Meter - Lighted Full LCD Readout
- Simple modification to receive 158.9 to 164 Mhz (Incl NOAA Wea)
- Four modes of Scan on band or memories (Scanlock on Memories)
- Set lower limit, upper limit and scan rate 5 khz to 100 khz
- Battery charged with Direct DC line or with Wall Charger
- Direct Keyboard entry for all frequencies & functions

Plus these little extras from Williams Radio

• FREE UPS Brown Shipping • Your Battery is Charged, your clock set • We guarantee your radio 100% when you receive it • Exclusive Williams Radio Customer Discount on Accessories (extra 5%) for future purchases. • The exclusive Williams Radio Weather Mod instructions included in the box. (Weather mod installed for you at reasonable fee)

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ST-600-B3 nicad pak (9.6vdc @ 600 mah) Fits Santec Models: HT-1200, ST-7, ST-144, ST-220, ST-440, ST-142, ST-222, ST-442. We pay UPS shipping.

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RATE CARD INFO. HAMBAR service of electronic equipment ONLY is available to all subscribers, amateurs and non-amateur at the rate of 10cents per word, which includes address, call sign, etc. Minimum charge for any HAMBAR is $3.00. All commercial and non-subscribers rate is 15 cents per word. Minimum charge of $5.00 for each HAMBAR. No reruns. Each HAMBAR must be resubmitted each month. No ad will be published unless accompanied by full remittance! We require all HAMBAR ads contain the full mailing address, call sign and the ZIP, Area-phone number, if any. Make it EASY for person wanting to buy YOUR equipment. No HAMBARS via telephone! COMMERCIAL DISPLAY. Full Page $120.00. Half Page $75.00, 1/4 Page $55.00 and 1/8 Page $36.00. CAMERA READY. Lay-out, make-up, typeset fee is extra according to size of ad and typset required for same. DEADLINE for all Hambars and ads, 8th of each month in P.O. Box 501, Miami Springs, FL 33266. Normal mailing date 25th of each month. Thank you for your cooperation. Editor.

ATTENTION COLLECTORS: MAKE AN OFFER: 3 QSTs, Dec. 1915 Jan & feb. 1916. Ill ham n was offered $500. years ago. Now will sell at best reasonable price. C. Soehl W4BAV, 2 Tiffin Way, Seminole, FL 33543.

FOR SALE FROM ESTATE: Viking I 150 W CW/AM transmitter, well shielded with man $50. as is condx. Viking 1 or 2 manual $3. postpaid. Realistic Navaho TRC-30, 22 chnl CB/AM xcvr for 110VAC/12DC $10. as is. Half dozen mikes, Astatic, Elecovoice Astatic $5.00 each. RCA 18" B&W TV, good pix on V H F & UHF $15. pick up only SWAN 700CX with 117XC pwr supply & Manual. Recently overhauled $250. Clean muffin fans $3.00 each. Heath Cantanna Dummy load with oil $19.00 Dentron AT-1K antenna tuner 1KW 160 thru 10 meter, new with manual $100.00 Will take Coax, single wires or Balanced feeders. Triplet model 630 VOM, 5000 v.a.c./20,000 ohms per volt, test leads, clean $28. Short Rohn 12 ft tower with 16X16X16 mounting plate at bottom and rotor head on top to be used atop exisiting building, or another section could be installed $29. (no ship.) All above plus UPS. Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33166 305 888-3874.

BILLBOARD AT A COMPACT CAR DEALERSHIP: IT MAKES YOUR HOUSE LOOK BIGGER! . . . . .

What is the chemical name for BAKELITE ? It was given in QST in the early 20's. Al Wilcox W4ELR, 3735 SW 59 Ave., Miami, FL 33155 305 661-7283.

FOR SALE: Amateur radio operataing desk, 2-tier custom made, all formica tops, with 4 drawers and storage shelves. Disassembles for easy transportation. $100. Tom Knott, WA8LTX, 8393 Delaware Dr. Spring Hill, FL 34607 904 596-5018.

AMATEUR RADIO (ROHN) tower like new, aluminum construction, cranks to 50 feet, steel cable for cranking. Rotor and 100 ft. foam coax. Easily transported. $900. firm. Father Cyril M. Hudak, Pastor, Church of St. Sebastian, 1998 SE 25th Ave., Ft. Lauderdale, FL 305 524-9344

FOR SALE: Mint FT-101/ZD, SP901P speaker/patch, FV1012 VFO $550. QF1A filter $30. Jeff Bolda WC4E, 3226 Manxcat Lane., New Port Richey, FL 33552 813 376-0353.

SELL: JOHNSON Kw MATCHBOX with SWR meter but no bridge $100 incl. manual. 2M FM HT regency HRT-2 W/chrgr stand & manual. Needs new Nicad $60. Will ship UPS Collect or receipt of cashiers or certified check playable: Ray McAvoy W4GOG, Box 40, McCaysville, GA 30555 404 492-5997. No collect calls!

FOR SALE: HARP CW SENDING MACHINE, like new $25. 1985 US & foreign Callbooks, $6.00 each postpaid. Mobile mount for Yaesu transceiver $15. John Attaway K4IIF, P.O. Box 205, Winter Haven, FL 33802 813 324-4122.

POLITICIANS FOLLOW A SIMPLE RULE. IF THERE'S NO PROOF, DENY IT. AND IF PROOF TURNS UP, DENY YOU DENIED IT !!. Did you know that Olie???

ESTATE SALE FOR N4BEY HAM EQUIPMENT' Kenwood TS820S with MC-50 mike, extra filter, $475. Hy-Gain CDE HAM TV rotator $100. Diawa CS-201 (2 posit) coax switch $20. Dentron MLA-2500 tuner CM-2, HF & $525. Heathkit tuner SA-2060A $200. Mirage linear 10 to 160 watts FM B/1016 2 mtr $200. Telex headphones C1210 $20. Antenna, TET HB-43, 4 elements $150. Antenna Sloper 40, 80 and 160 meter $20. Tubes 6146B 3 $7. each 12BY7. 1 $6. each Phil O'Dwyer WF4X 543 Mooney Rd., Ft. Walton Beach, FL 32548 904 862-2353.

SELL: Ten-Tec OMNI-D (B) transceiver with 1.8 kc filter, factory installed WARC modified bands, power supply, Ten-Tec speech processor with Electret mike and stand. Max W. Goldstein K4EGZ, 1750 NE 191 St. Apt. 611, North Miami Beach, FL 33179 305 949-4868.

WANTED: 45 ft. foldover and let down galv. tower. Harry Larson K4GFK 1412 Berkshire Ave. Jupiter, FL 33469 305 746-0312.

SELL: 45 ft. Wilson tower, crank up, fold-over. 3 el. Mosely Classic Triband beam, Ham M IV rototer plus balun and free coax feed line. Call Jack Marino 4495 NW 17th Ave., Ft. Lauderdale, FL 33309 305 771-6819.

WANTED: More Club photos. Also photos of any amateur related subject or person in his ham shack. Give details on subject in photo. If we know something about who is in photo, we cant use it. Tks. EDITOR.

FOR SALE: Hallicrafters: S-51 $35. S-28 $15. HT-37 $50. WANTED: reasonable - Collins 30L1. Hallicrafters SR-2000. A. Uhimchuk WA2-AQW, 469 NE Armory Cir., Port St. Lucie, FL 33452 305 878-9783.

WANTED: A schematic for a SWAN MX. Will payfor a copy of same. Need very badly. Fred J. Wittenberg, 70 Hibiscus Dr., Ormond Beach, FL 32074 904 441-3675 or 441-3418 collect.

WANTED: Any information relating the beginning of QFN, the All Florida C.W. traffic net. Also need bulletins, memo's experiences, rememberances, call signs, old hands involved in QFN from the beginning. I have bulletins from 72-81 from N4ET. I need older info. Old calls K4EHY and WA4BGW. Please reply. Doc Kagan WA4 HDH, 1362 Plumosa Dr., Ft. Myers, FL 33901 813 334-0531 or QSO me on QFN 3651 kHz 7 or 10 PM daily.

HAM LICENSES SUPEREASY. Cut exam preps 50%. All classes. FREE catalog. SASE. Bill Bahr, 2549-FS3 Temple, Palmbay, FL 32905.

WANTED: Collins KWM-2 transceiver & power supply with manual. Neil Bartley K4REC 3112 S. Julia Cir., Tampa, FL 33629 813 837-9314.

FOR SALE: Collins KWM-2 round emblem with 516F2 power supply and manual. Recently aligned and in good operating condition. Will demo. Also antenna. $400. Wes Patterson 1600 NW 119 St., Miami, FL 33167 305 681-3638.

WANTED: DAVCO Model DR-30 receiver. Al Faragher KC9IV, 318 W. 3rd Ave. N., Aurora, MN 55705.

FOR SALE: MOTOROLA *certified* service monitors *R-1200A *IFR 1000A. A G R ELECTRONICS, 3842 West 16th Ave. Hialeah, FL 305 556-8438.

WE HAVE 40 MILLION REASONS FOR FAILURE, BUT NOT A SINGLE EXCUSE.

SELL: YAESU FT 101ZD MARK III HF all band transeiver 2 microphones $425. Almost new. Yaesu FL2100-B new tubes $350. George Pastor W4OGD, 1817 Island Harbor, Port Richey 34668 813 842-1580.

FOR SALE: Kenwood TS-530S, Fox Tango SSB filter, optimized, with mic, mint condition $450. Wes Browne W4COZ, 112 Hill Circle, Lake Wales, FL 33853 813 676-6297.

MISERY COMES FROM ASSIGNING TOO MUCH IMPORTANCE TO THE THINGS YOU DON'T HAVE. tks W4ZGG..

ANTENNA ROTATOR: HAM III series 2 for 12.5 wind surface $95.00. Have lower support kit for mast mounting $15. Roy Cox KC4NN P. O. Box 2152, Boone, NC 28607 704-264-0192.

FOR SALE: NEW I I Kenwood ST-2 base stand charger $70. Handheld UHF 440 Mhz TR-3500 $165. Handheld 220 mHz TH31AT $170.00 Kenwood VFO for TS830 mod. 230 $200. Yeasu VFO - 101-DM $200. Yeasu SP-901-P Speaker/phone patch. USED: Complete line I C O M IC-720A Xcvr (general coverage) - linear amp IC-2KL, automatic antenna tuner IC- AT-500, IC SP2 spkr/phone patch. All with power supplies: All FOR $1700. POINT SOUTH ELECTRONICS, 4009 West 18th Ave., Hialeah, FL 33012 305 557-9477 nights 305 266-4985.

SELL: HUSTLER 4BTV vert. $50. VIC-20 no/PS $18. CZN datasette $12. R/S CCR 81 cassette W/mike $30. Bencher ZA-11A balun W/clamp $20. Gregg Eberman W2SDV, 2201 Brian Ave., So. Daytona, FL 32019 904 761-0867.

OLD JOCKEYS NEVER DUE...THEY JUST RUN OUT.....Tks W2CRW

SELL: BIRAGE B-23A amp, as new. $99.50. ROBYN SB-505D 10 mtr transceiver AM & SSB $75. Timex 1000 computer with 16K & 2040 printer $80. Judd Bodycote W1PEA, 2214 59th St., Sarasota, FL 34243 813 355-4229.

NOTE: When sending in HAMBARS (HAM BARGINS) PLEASE include your full name, call, mailing address and phone numbers! Make it easy for the buyer to reach you. We must have all the above in each HAMBAR!

AZDEN REPAIRS fast, expert service by former factory authorized technician. Quick turnaround on models 2000, 3000, 4000 and 5000. SOUTHERN TECHNOLOGIES AMATEUR RADIO, Inc. 10715 SW 190 St. No. 9, Miami, FL 305 238-3327.

FOR SALE: Computer - RTTY, ASCII AMTOR, CW. Complete set-up TRS-80C. Kantronics interface II & software., TV monitor & cables, all mint! Stu Weisbaum KA1YK, 7107 NW 58th Ct. Ft. Lauderdale, FL 33321 305 721-4327.

KENWOOD PC-1 phone patch w/man. $35. J-36 vibroplex ser. no. 118 black base, nickel plated parts. Spare weights & contacts $35. HQ-120 receiver, .54 to 31 MHz with band spread $35. pick-up or add shipping charges. Regency, Polaris 156-163MHz VHF Marine 1/25 watt transceiver. Didgetal set-up model MT5500, working $75. .2-6" muffin fans $6. each. Drake TV-3300-LP, 1000 watt 52 ohm filter $12.50. Nelson Stover W4QC, 190 Deerfield Ave., Port Charlotte, FL 33952 813 629-4263.

WANTED: E Z WAY tower wonder tilt over ground post support for 45 to 60 foot. Heavy duty tower. G. Haas WA2JSR, 8720 SW 88th St., Miami, FL 33176 305 595-9467. EDITORS NOTE: See W4ZZZs ad elsewhere....he's got what you want.....AC

PREAT PICKINS: ICOM IC271A 2 meter all mode, 5 months old $650. IC-471A 430 MHz all mode. Stock model $560. IC-3200A dual band unit 144 & 440, $425.. KENWOOD - TS730S/AT $1250. TS830S $675. TS820 TS820S $550. MC-50 mic $40. SM-220/BS8, +25. RM-76 computer, $45. R-1000 general coverage $275. R-2000 general coverage $499.00. DRAKE: MN-2000 2Kw antenna tuner $225.(C4 station console wanted) Several filters for TR7, call. FA-7 fan $25. HAMMURLUND: HQ-170A HQ 110A $95. HQ-145SX $150. COLLINS: 75A4 3 filters, late SN $475. Tony Musero K3UKW, 1609 So. Iseminger St. Phila. Pa. 19148 215-271-8898. No. 10 SASE FOR EQUIPMENT LIST, THANKS.

NOTHING IS QUITE SO ANNOYING AS TO HAVE SOMEONE GO RIGHT ON TALKING WHEN YOU ARE INTERRUPTING!. AND.... A BRIDEGROOM IS A GUY WHO HAS LOST HIS LIBERTY IN PERSUIT OF HAPPINESS.... tks W3CRW. . . .

FOR SALE: KENWOOD TS830S W/500Hz CW filter, SP230 external speaker, AT230 antenna tuner/pwr/SWR meter all with plastic dust covers and original cartons. $845. Unable to obtain zoning clearance for antenna system, therefore equipment is hardly used and in absolute mint condition. I pay shipping. Frank Leon WB4QLN, 302 NW 105th Terr. Coral Springs, FL 33071 305 752 -0825 evenings.

COMMODORE REPAIRS FAST, expert service on computers, drivers, etc. Cables for packet, RTTY. We'll put your terminal program on a cartridge and you can run Packet or RTTY without a disk drive! SOUTHERN TECHNOLOGIES AMATEUR RADIO Inc 10715 SW 190 St. No.9 Miami, FL 33157 305 238-3327.

FOR SALE: YEASU FT DX 560 transceiver with external speaker. Also has Landliner phone patch/speaker model SP-401P. Manuals included plus NEW matched finals and driver. Ron McLean KK4CR, 101 Tally Ho Lane Zephyrhills, FL 34249 813 783-2327 all for $325.00

FREE FLEA ! ! Southern Technologies, Inc. is sponsoring a free tailgate swapmeet for amateur electronic gear, to be held in their parking lot on Sunday, Agust 2, at 10715 SW 190 St. No. Miami, Florida.

EVERY DAY THE WORLD TURNS OVER ON SOMEBODY WHO HAD JUST BEEN SITTING ON THE TOP OF IT. . . . . tks W4Z GG.

SELL: MIDLAND 13-513 - 220 MHz, mint condition, original box and manual. Pick up only $165. Don Hergenrofder WD4RDL, 1040 Shadowbrook Dr. N., Lakeland, FL 33813 813 644-4302.

WANTED DEAD OR ALIVE..... AZDEN mobile radios. Southern Technologies Amateur Radio, Inc. 10715 SW 190 St. No. 9 Miami, FL 33157 305 238-3327.

WANTED: Power transformer for Heathkit Monitor Scope model SB-610, Heathkit part number 54-182. WANTED FV102DM VFO , FAS-1-4R remote antenna selector. Ron McLean KK4CR, 101 Tally Ho Lane, Zephyrhills, FL 34249 813-783-2327.

SELL: KENWOOD R-820 communications receiver with all filters, cables, manuals, mint $395. VIEWSTAR VS-1500A 2KW tuner with rollor, inductor, wattmeter, antenna switch, like new $249. Bob Needleman KD4ZN, 900 N.E. 195 St., No. 417, N. Miami Beach, FL 33179 305 - 654-1156 eves.

The Alachua Sheriff's office has 55 VHF 2 and 3 channel portable radio units available for sale as surplus property. Radios are in excellent condition and include the radio, vehicle charger and vehicle repeater. For information, contact Mitch Hudson, Alachua Co. Sheriffs Office, P.O. Box 1210, Gainesville, FL 32602 904 378-1641 ext 306 - WA4LVW

PLEASE do not reun my HAMBAR for a Wire Recorder. I got 4 from my last months ad. Great response!! Bill Selover., St. Augustine, FL.

ESTATE SALE: Collins equipment. Completely overhauled by expert Collins service man!. Collins 32S1 transmitter with Collins 615F2 pwr supply $195. Collins 75S3B (RE), extremely clean with manual $225. Collins 75S1 looks new with manual $150. Collins KWM mobile 1 KWM-1, that is mount $10. All plus UPS. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

COMPLETE STATION: Yaesu FT 707 transeiver, FV-707 DM VFO, FP-707 power supply/speaker, FRB-707 relay box, FC707 antenna tuner, MMB-2 mobile mounting bracket, YH-55 headphones, HamKey, 40 Foot Aluma Crank-up Tilt over tower T-140 St. Stl. hardware, Mini-Quad HQ-1 with W2AU Balun, CDE HAM II rotor and control. $1695. Complete, like new. Box Wilcox W2AHM, 1271 Driftwood Ave., Clearwater, FL 34624 813-536-6891.

FOR SALE: DRAKE L-4B amplifier with 10 meter band. In first class condition $550. Pick up only. Bill Harper W4MVF, 1921 Tall Pine Road, Melbourne, FL 32935 305 254-2666.

IF YOU LET YOUR CHILDREN TALK DOWN TO YOU, YOU MUST HAVE THEM ON A PEDESTAL. . . . . Tks W4ZGG.

FOR SALE: Heathkit SB-200 amplifier, mint condition (export model) 1000 wts CW (In) 1200 wts (PEP). Stu Weisbaum KA1YK, 7107 NW 58 Ct., Ft. Lauderdale, FL 33321 305 721-4327.

FOR SALE: E Z WAY 3 section 60 foot steel tower with magic ground post for crank up or over cables. No concrete required. Ham M rotor & e element beam included. All only $750. Ross Akre W4ZZZ, 6121 SW 82nd Ave., Miami, FL 33147 305 271-9292.

FOR SALE: TelREX tri-bander DM30, 6 elements. Down, you haul - a steal -- $75. Mike Murciano AA4 GQ 2834 DeSoto Coral Gable, FL 33134 305 871 6288 9AM to 6PM

TACT IS RUBBING OUT ANOTHER'S MISTAKE INSTEAD OF RUBBING IT IN . . . . tks W2CRW.

CLIP & MAIL

I wish to place a HAMBAR in Florida Skip. It should read as follows: 10 cents per word. Minimum $3. See rate card for details.

_____

_____

_____

_____

_____

Name _____ **Call Sign** _____ **Phone** (_____) _____

Address _____ **City, State, Zip** _____

Please print (legibly) or type copy. If additional space is required, clip or staple on separate sheet of paper. Thanks. Ye Ed, A.C.

NOTICE: DEADLINE for all items the 10th of each month. Can accept HAMBARS until 15th in Box 501, Miami Springs, FL 33266. Anything received after the 15th will be held over for next month.....Thanks Editor

FOR SALE: KENWOOD R-599 communications solid state receiver, mint condition with manual $100. which includes UPS shipping. C. J. Shafer, 3312 SE 34th Ave., Okeechobee, FL 34974 813 763-1581.

FOR SALE: ANTENNA K-40 $17. Drake Amp. L4B with pwr supply $750. Drake TR7 with pwr supply, like new $850.. Kenwood 2 meter transceiver TR-7950 $250. Mirage amp. 2 mtr B-3016 $200. Yaesu automatic antenna tuner FC-757-T $200. ICOM model 730, new $475. Loran-C Furund model LC-80 $300. Yaesu FT-902DM with all filters and table mic YD-148, like new $700. Cubic Astro 150A $450. Cubic Amp. model 21500Z $600. Heathkit Amp. 220 2Kw, like new $600. Heathkit Amp 200. 1Kw $400.Yaesu Amp FL2100 1Kw $350. Drake MN-2000 antenna tuner $250. Yaesu scanner VHF/UHF receiver FRG-9600 $225. POINTS SOUTH ELECTRONICS, 4009 West 18th Ave., Hialeah, FL 33012 305 557-9477 or nights 305 266-4985.

FOR SALE: Kenwood R-599 communications solid state receiver, mint condition with manual $100. which includes UPS shipping. C. J. Shafer 3312 SE 34th Ave., Okeechobee, FL 34974 813 763-1581.

THINGS ARE ALWAYS BETTER SOMEWHERE ELSE UNTIL YOU GET THERE... tks W4ZGG.

TWO METER REPEATER FOR SALE, with pair! G.E. Mastr Pro in 5 foot, lighted, wheeled rack. Maggiore CW controller (T.I.-99 computer, with 12 board, custom build card-cage.) Expansion box, R/S casette recorder, audio equalizer and B&W monitor. Has capability of running three separate links. (10 meters, 220, 450 etc.) Also time, Weather Etc. Autopatch (W/reverse.) local or remote touch-tone (r) access. WACOM four-cavity duplexer, U.P.S. battery backup for controllers. Hustler G-7 antenna, W/125 feet RG-214 double shield, silver plated boax. Extra receive and transmit strips. Spare T.I.-99 voice synthesizer, tubes. A first class machine. In.excellent condition. On the air in Tampa. Call Howard Wyler KI4YG on 146.745 or at 813 963-1704. 4510 Whitworth, Tampa, FL 33624.

COMODORE REPAIRS! Fast, expert service on Commodore computers, disk drives, etc. Custom cables made for Packet Radio, RTTY, etc. Software put on EPROM cartkdges New & used equipment for sale. Southern Technologies, 10715 SW 190 St. No. 9, Miami, FL 305 238-3327.

WHEN ALL THE CHILDREN HAVE GROWN UP, MARRIED AND MOVED AWAY, MOST PARENTS EXERCIENC A STRANGE NEW EMOTION. IT'S CALLED ECSTASY!

FOR SALE: 33 years of CQ magazines, Jan. 1947 to July 1981, (8) years 1959 thru 1966 in binders $250. Pick up. No ship. Forrest Haynes K4YPO, 4419 Forest Road, West Palm Beach, FL 33406 305 965-0419.

SELL: Excellent condx Yaesu handheld FT207R 2 meter with battery charger used less than e hours $150. Horizon 2 crystal controlled with power supply and mike $50. Vibroplex key No. 114192 $50. Prices negotiable, other items available. Howard C. Arnold W4PCP, 4118 Cleveland St., Hollywood, FL 33021 305 981-5541.

TRANSCEIBER WANTED: Need transcripton machine. (A tape player used to the typing of letters and books from tape recordings. Must use standard sized audio cassette tapes--complete with headphones and foot pedal with forward, rewind, and stop buttons. Duane Dean, P. O. Box 2681, Bartow, FL 33830 813 655-9398 nights.

CRUISE THE CARIBBEAN

By Tony McIntosh, N4IXQ

Hams and Friends! Come and join 50 other hams from all over Florida for a 5 day/4 night cruise aboard the Dolphin. The cruise goes to Nassau, Freeport and Dolphin Cove, leaving Miami December 7th, 1987. We will even have a private cocktail party in our honor aboard ship! The cost is now reduced to just $275.00 per person inside cabin OR $300.00 per person, outside cabin, double occupancy. $50.00 per person deposit is required by August 15th. Free bus transportation will be given from Broward to Miami. Port Taxes are also included in the price. Please call Tony McIntosh N4IXQ at 741-7046 or Monty Migdol N4LLZ at 748-1560 for further information. This will indeed become a yearly Ham Event!

Meet Jim McCormack, KA4IAY, of N. Miami, our Dade County ARPSC TV Publicity Coordinator (R) and his friend of 25 years Lt. Governor, Bob Brantley in Tallahhasee. Jim and Bob where high school buddies back in Jacksonville. Jim recently received "Man of the Year Award" for his Amateur Radio TV publicity work. He was able to obtain over $1 million dollars in free PSA's in the past 8 years on 5 of the local TV stations in the Miami/Ft. Lauderdale area. Watch for them. Congt again Jim. (photo via KA4IAY.)

CONVICTION FOR SELLING ILLEGAL VIDEO TRANSMITTERS

A Federal jury in Las Vegas has convicted Joseph Andre Ali and his corporation, Orion Industries International of Las Vegas, on nine counts of importing and selling illegal video transmitters.

According to an FCC news release, Ali had imported and sold the illegal devices under the name "TV Genie" and had failed to file the necessary forms notifying the FCC of the operation. The TV Genie was designed to connect a video source, such as a video cassette recorder or camera, and transmit the signal over the air to a nearby TV receiver. FCC regulations do not permit this type of operation.

Ali was found to have sold over 27,000 of the items after his corporation received its second warning that the devices were prohibited. Before searches and seizures halted the operation, net profits to his company exceeded $900,000. Ali could receive nine one-year sentences and fines of over $1 million, according to the FCC news release.

(The ARRL Letter - June 16, 1987)

BEING A WOMAN IS VERY TOUGH, SINCE IT CONSISTS MAINLY OF DEALING WITH MEN.

MORE ON AUTO TAG AMATEUR LICENSE TAGS

Via John R. Hills, KC4N, Fla. ARRL State Govt. Liaison

TO: All Tax Collectors and Tag Agents Dated May 22, 1987

FROM: Charles J. Brantley, Director, Division of Motor Vehicles

SUBJECT: Amateur Radio Call Letters on Challenger License Plates, Bulletin No. RS87-24.

Effective immediately, Amateur Radio Operators requesting their Amateur Radio call letters on the Challenger license plate may do so for the initial additional fee of $5.00 as provided for in Section 320.083, Florida Statutes, instead of the $12.00 personalized license plate fee as previously quoted.

In addition to the $5.00 Amateur Radio license plate fee all other Challenger license plate fees are applicable as explained in prior Bulletin Number RS87-13.

These license plates must be ordered by mail through the State Office Tag Agency, Division of Motor Vehicles, as all other special license plates. If you have any questions concerning this procedure, please call (904) 488-4127.

(EDITOR'S NOTE: Maybe it does pay to write a letter to Tallahassee! AC)

—CLIP AND SAVE. TELL YOUR FRIENDS!—